



CORPORATE PROFILE

MiMOMax SPECIALISE IN ULTRA-SPECTRALLY EFFICIENT, LOW LATENCY, LOW JITTER, NARROWBAND LINKING SOLUTIONS FOR MISSION CRITICAL APPLICATIONS. OUR POINT-TO-POINT AND POINT-TO-MULTIPOINT RADIOS UTILISE MULTIPLE INPUT MULTIPLE OUTPUT (MiMO) TECHNOLOGY TO PROVIDE RELIABLE AND SECURE COMMUNICATIONS ACROSS LONG PATHS EVEN OVER DIFFICULT TERRAIN.

MiMOMax WIRELESS: THE COMPANY

MiMOMax Wireless take great pride in being a highly innovative company. By developing world leading technology and expanding market share MiMOMax have embarked on a rapid growth curve and strive to further educate industry professionals on the benefits of efficient spectrum management.

MiMOMax provide their elite hardware solutions to an international customer base across Europe, United States, Canada, Middle East and Australasia. Industry applications include Utilities, Public Safety, Telecommunications and Government Services.

MiMOMax WIRELESS: CUSTOMER SOLUTIONS

MiMOMax Wireless' first and foremost focus is to leverage their ultra spectrally efficient, low latency solutions, to fit customer requirements, providing a precise solution-application match. MiMOMax Wireless take great pride in their industry leading technology whilst understanding that such achievements must benefit the customer.

Customer service is conducted on the concept of "working with" the customer before, during, and after a solution is implemented. MiMOMax Wireless undertake product development where necessary, to accomplish maximum system performance for diverse applications. One such application was the winner of the Gerald David Innovation award, beating world leading global radio manufacturers in the process.





MiMOMax WIRELESS: APPLICATIONS

- ~ Rural Telephony for the last 20% of rural customers providing both Broadband Data and Telephony Services.
- ~ Power line Tele-Protection equipment providing mission critical low latency protection, SCADA & voice services to Rural Substations requiring Cat I, II & III protection.
- ~ Point-to-Point Mission Critical Data and SCADA linking solutions.
- ~ Point-to-MultiPoint Mission Critical Data and SCADA networks.
- ~ PMR Multi-channel Linking Solutions, for Conventional, Trunked and Simulcast Radio systems. Either Analogue or Digital systems can be supported.
- ~ Video linking solutions.
- ~ MiMOMax provide a complete range of consultancy, high efficiency radio products and support services to ensure that solutions are effectively and efficiently implemented in the minimum of time.

MiMOMax WIRELESS: INSIDE MiMO TECHNOLOGY

MiMOMax Wireless packs a greater amount of data through a narrowband radio channel more efficiently than comparable systems, and is currently achieving world beating spectral efficiencies.

MiMOMax are obtaining these results, using the MiMO (Multiple Input/ Multiple Output) system, which utilises multiple transmitters, receivers and antennas in both transmission paths, to not only increase the radio channel throughput, but also to improve the received signal quality. This Space Time Diversity system employs the propagation property, where radio signals which travel different paths, will by definition, arrive at a remote receiver at different times. In significant contrast, normal radio reception (non-MiMO) will experience degraded radio channel performance.

The primary benefit of using a MiMO system is its ability to utilise spectrum in a very efficient manner. Spectrum is a finite resource, nor can it be re-used in the same coverage areas, therefore, any technology which enhances spectrum usage through providing higher data rates, is well worth exploiting.